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PTO/SB/21 (09-04) Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/517.569 Filing Date TRANSMITTAL December 9, 2004 First Named Inventor **FORM** Alexander J. Pallenberg Art Unit Examiner Name (to be used for all correspondence after initial filing) Attorney Docket Number 59785-21 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request below): PTO/SB/08 IDS Form (5 pgs.); Cited Request for Refund Express Abandonment Request References (58 Cited - 31 Attached); Return Receipt Postcard CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Davis Wright Tremaine LLP Signature Printed name Jane E. R. Potter Date August 8, 2005 Reg. No. 33,332

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August 8, 2005

Date

Jessica Gaunt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

: Alexander J. Pallenberg

Application No.

: 10/517,569

Filed

: December 9, 2004

For

: SINGLET OXYGEN PHOTOSENSITIZERS ACTIVATED BY

TARGET BINDING ENHANCING THE SELECTIVITY OF

TARGETED PDT AGENTS

Docket No. : 59785-21

Date

: August 8, 2005

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Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO/SB/08 (copies of the cited references are enclosed). As to any reference supplied, applicant does not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he/she is aware of which is believed relevant

to the examination of the above-identified application, applicant believes that his/her invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application. No fee is due at this time in accordance with 37 C.F.R. § 1.97(b).

Respectfully submitted, Alexander J. Pallenberg DAVIS WRIGHT TREMAINE LLP

Jane E. R. Potter

Registration No. 33,332

2600 Century Square 1501 Fourth Avenue Seattle, WA 98101-1688 Phone: (206) 628-7650

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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/517,569			
Filing Date	December 9, 2004			
First Named Inventor	A. J. Pallenberg			
Art Unit				
Examiner Name				
Attorney Docket Number	59785-21			

			U. S. PATENT D		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		US- 6,456,734	09-24-2002		
		^{US-} 6,416,953	07-09-2002		
		^{US-} 6,316,652	11-13-2001		
		^{US-} 6,274,552	08-14-2001		
		^{US-} 6,271,359	08-07-2001		
		^{US-} 6,253,872	07-03-2001		
		^{US-} 6,139,865	10-31-2000		
		^{US-} 6,131,570	10-17-2000		
		^{US-} 6,120,751	09-19-2000		
		^{US-} 6,071,495	06-06-2000		
		^{US-} 6,060,082	05-09-2000		
		^{US-} 6,048,736	04-11-2000		
		^{US-} 6,039,975	03-21-2000		
		^{US-} 6,036,941	03-14-2000		
		us- 6,004,534	12-21-1999		
		^{US-} 5,972,366	10-26-1999		
		^{US-} 5,900,252	05-04-1999		
		^{US-} 5,895,307	04-20-1999		
		^{US-} 5,840,674	11-24-1998		

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		WO-03/040390 A	05-15-2003			
		WO-97/39008 A	10-23-1997			
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Signature	Considered	

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			U. S. PATENT (
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 5,759,542	06-02-1998		
		^{US-} 5,709,874	01-20-1998		
		^{US-} 5,708,137	01-13-1998		
		^{US-} 5,595,726	01-21-1997		
		^{US-} 5,171,749	12-15-1992		
		^{US-} 4,996,143	02-26-1991		
		^{US-} 4,351,760	09-28-1982		
		^{US-} 3,996,345	12-07-1976		
		US-			

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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Compl t if Known				
Application Number	10/517,569			
Filing Date	December 9, 2004			
First Named Inventor	A. J. Pallenberg			
Art Unit				
Examiner Name				
Attorney Docket Number	59785-21			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		WILSON, Journal of Craniofacial Surgery, 14:278-283, 2003.	
		ZHENG ET AL., Molecular Imaging, 1(3):223-224, 2002.	
		ACHILEFU ET AL., Proceedings of SPIE, 4156:69-78, 2001.	
		CARTER ET AL., PNAS, 98(21):11879-11884, 2001.	
		Breast Cancer Scanners Get More Sensitive, http://optics.org.articles.news/7/3/32/1, 2001.	
		BRAUMAN, Science, 290:286-287, 2000.	
		SINCLAIR, The Scientist, 19-21, 2000.	
		BELGRADER ET AL., Science, 284:449-450, 1999.	
		VET ET AL., Proc. Natl. Acad. Sci. USA, 96:6394-6399, 1999.	
		DOUGHERTY ET AL., J. of the Natl. Canc. Inst., 90(12):889-905, 1998.	

Examiner	Date	
Signature	Considered	

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		Application Numb r	10/517,569		
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STATEMENT BY APPLICANT		First Named Inventor	A. J. Pallenberg		
***			Art Unit		
(Use as many sheets as necessary)			Examiner Name		
Sheet 4	of	5	Attorney Docket Number	59785-21	

	<u> </u>	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		PIATEK ET AL., Nature Biotechnology, 16:359-363, 1998.	
		GRUENHEID ET AL., J. Exp. Med., 185(4):717-730, 1997.	
		MANKERTZ ET AL., Biochemical and Biophysical Research Communications, 240:112-115, 1997.	
		WITTWER ET AL., BioTechniques, 22(1):130-138, 1997.	
		YUMITA ET AL., Cancer Letters 112:79-86, 1997.	
		HEID ET AL., Genome Research, 6:986-994, 1996.	
		UMEMURA ET AL., Ultrasonics Sonochemistry, 3:S187-S191, 1996.	
		PITTET ET AL., Nucl. Med. Biol., 22(3):355-365, 1995.	
•		BAKKER-WOUDENBERG ET AL., Journal of Drug Targeting, 2:363-371, 1994.	
		CHU ET AL., Journal of Immunology, 1538-1545, 1994.	

Examiner	Date	
Signature	Considered	

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Oubstitu	10 101111 144011 10			Application Numb r	10/517,569	
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STATEMENT BY APPLICANT				First Named Inventor	A. J. Pallenberg	
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(Use as many sheets as necessary)				Examiner Name		
Sheet	5	of	5	Attorney Docket Number	59785-21	

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹				
		HAMBLIN ET AL., Journal of Photochemistry and Photobiology, 26:45-56, 1994.			
		BAEYER ET AL., International Journal of Clinical Pharmacology, Therapy and Toxicology, 31(8):382-386, 1993.			
		BETAGERI ET AL., J. Pharm. Pharmacol., 45:48-53, 1993.			
-		NORTH ET AL., Blood Cells, 18:129-140, 1992.			
		TABAS ET AL., Journal of Cell Biology, 115(6):1547-1560, 1991.			
		RAKESTRAW ET AL., Proc. Natl. Acad. Sci. USA, 87:4217-4221, 1990.			
		HERMAN, Methods in Cell Biology, 30:219-243, 1989.			
		KREIMER-BIRNBAUM, Seminars in Hematology, 26(2):157-173, 1989.			
		YUMITA ET AL., Jpn. J. Hyperthermic Oncol., 3(2):175-182, 1987.			
, = 11					

Examiner	Date	
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